

64/AF 2141  
BOX 566

PTO/SB/21 (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	09/409,305
		Filing Date	September 29, 1999
		First Named Inventor	Craig D. ULLMAN
		Art Unit	2141
		Examiner Name	Stephan F. Willett
Total Number of Pages in This Submission	11	Attorney Docket Number	559442000600

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> CD containing references, Number of CD(s) <u>1</u>	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  * Form PTO/SB/08 (8 pages)
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP Jonathan Bockman - Reg. No. 45,640
Signature	
Date	December 1, 2004

RECEIVED

DEC 06 2004



PATENT  
Docket No.: 559442000600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Craig D. ULLMAN et al.

Application No.: 09/409,305

Art Unit: 2141

Filed: September 29, 1999

Examiner: Stephan F. Willett

For: ENHANCED VIDEO PROGRAMMING  
SYSTEM AND METHOD UTILIZING  
USER-PROFILE INFORMATION

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.97 and 1.98, Applicants submit for consideration in this application the documents listed on the attached Form PTO-1449. Copies of the foreign and non-patent documents are submitted herewith on a CD due to the substantial number of references.

This Supplemental Information Disclosure Statement is being submitted after the mailing of a final Office Action. Applicants understand that some of these documents might not be considered by the office at this time; however, Applicants nonetheless request that the documents be placed in the file.

The information contained in this Supplemental Information Disclosure Statement under 37 CFR 1.97 and 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not

va-85888

Serial No. 09/409,305  
Docket No. 559442000600

**RECEIVED**  
**DEC 06 2004**  
Technology Center 2100

exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

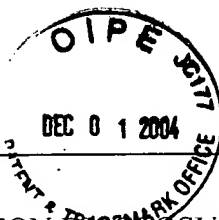
In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952**, referencing 559442000600.

Dated: December 1, 2004

Respectfully submitted,

By: 

Jonathan Bockman  
Registration No. 45,640  
Morrison & Foerster LLP  
1650 Tysons Boulevard  
Suite 300  
McLean, Virginia 22102  
703-760-7700



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Docket Number: 559442000600	Application Number: 09/409,305
	Applicant Craig D. ULLMAN et al.	
	Filing Date: September 29, 1999	Group Art Unit: 2141
	Mailing Date: December 1, 2004	

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	2/25/1986	4,572,509	SITRICK			
	2.	6/3/1986	4,592,546	FASCENDA et al.			
	3.	3/29/1988	4,734,764	POCOCK et al.			
	4.	10/31/1989	4,877,408	HARTSFIELD			
	5.	1/16/1990	4,894,789	YEE			
	6.	2/27/1990	4,905,094	POCOCK et al.			
	7.	7/10/1990	4,941,040	POCOCK et al.			
	8.	5/19/1992	5,114,155	TILLERY et al.			
	9.	7/7/1992	5,128,752	VON KOHORN			
	10.	5/4/1993	5,208,659	RHODES			
	11.	9/7/1993	5,243,528	LEFEBVRE			
	12.	11/23/1993	5,264,933	ROSSER et al.			
	13.	1/25/1994	5,282,028	JOHNSON et al.			
	14.	10/4/1994	5,353,283	TSUCHIYA			
	15.	10/25/1994	5,359,510	SABALIAUSKAS			
	16.	8/1/1995	5,438,355	PALMER			
	17.	10/31/1995	5,462,275	LOWE et al.			
	18.	12/26/1995	5,479,268	YOUNG et al.			
	19.	3/12/1996	5,498,000	CUNEO			
	20.	7/23/1996	5,539,471	MYHRVOLD et al.			
	21.	8/6/1996	5,543,849	LONG			
	22.	9/17/1996	5,557,316	HOARTY et al.			
	23.	10/29/1996	5,570,295	ISENBERG et al.			
	24.	11/26/1996	5,579,055	HAMILTON et al.			
	25.	12/17/1996	5,586,257	PERLMAN			
	26.	12/24/1996	5,586,937	MENASHE			
	27.	1/14/1997	5,593,349	MIGUEL et al.			
	28.	2/18/1997	5,604,542	DEDRICK			
	29.	3/11/1997	5,610,653	ABECASSIS			

RECEIVED

DEC 06 2004

Form PTO-1449

Docket Number: 559442000600

Application Number: 09/409,305

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant

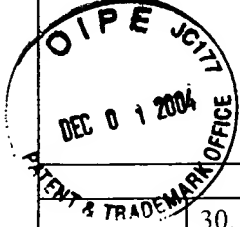
Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

(Use several sheets if necessary)



30.	3/18/1997	5,612,730	LEWIS			
31.	5/6/1997	5,627,978	ALTOM et al.			
32.	5/27/1997	5,633,810	MANDAL et al.			
33.	5/27/1997	5,633,918	MANKOVITZ			
34.	6/10/1997	5,637,844	EIBA			
35.	8/19/1997	5,659,366	KERMAN			
36.	9/16/1997	5,667,708	GLASS et al.			
37.	9/16/1997	5,668,592	SPAULDING II			
38.	10/14/1997	5,677,708	MATTHEWS, III et al.			
39.	10/21/1997	5,679,075	FORREST et al.			
40.	11/11/1997	5,686,954	YOSHINOBU et al.			
41.	11/25/1997	5,691,986	PEARLSTEIN			
42.	12/2/1997	5,694,163	HARRISON			
43.	12/9/1997	5,695,400	FENNELL, JR. et al.			
44.	12/16/1997	5,697,844	VON KOHORN			
45.	1/20/1998	5,710,884	DEDRICK			
46.	3/17/1998	5,729,252	FRASER			
47.	3/24/1998	5,730,654	BROWN			
48.	3/31/1998	5,734,413	LAPPINGTON et al.			
49.	3/31/1998	5,734,437	BACK			
50.	5/5/1998	5,748,731	SHEPHARD			
51.	5/26/1998	5,757,916	MacDORAN et al.			
52.	5/26/1998	5,758,079	LUDWIG et al.			
53.	6/2/1998	5,759,101	VON KOHORN			
54.	6/2/1998	5,761,602	WAGNER et al.			
55.	7/14/1998	5,779,549	WALKER et al.			
56.	7/21/1998	5,782,692	STELOVSKY			
57.	8/11/1998	5,793,365	TANG et al.			
58.	8/18/1998	5,796,952	DAVIS et al.			
59.	9/1/1998	5,801,750	KURIHARA			
60.	9/22/1998	5,813,006	POLNEROW et al.			
61.	10/20/1998	5,823,879	GOLDBERG et al.			

**RECEIVED****DEC 06 2004**

Form PTO-1449

Docket Number: 559442000600

Application Number: 09/409,305

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant

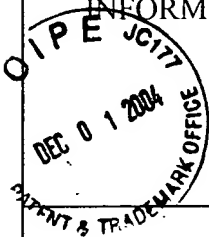
Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

(Use several sheets if necessary)



62.	12/8/1998	5,846,132	JUNKIN			
63.	12/8/1998	5,848,373	DELORME et al.			
64.	1/5/1999	5,855,516	EIBA			
65.	2/2/1999	5,867,208	MCLAREN			
66.	3/2/1999	5,878,222	HARRISON			
67.	3/9/1999	5,880,720	IWAFUNE et al.			
68.	3/30/1999	5,889,950	KUZMA			
69.	3/30/1999	5,889,951	LOMBARDI			
70.	4/6/1999	5,890,906	MACRI et al.			
71.	4/6/1999	5,890,963	YEN			
72.	4/13/1999	5,894,556	GRIMM et al.			
73.	8/17/1999	5,940,595	REBER et al.			
74.	5/18/1999	5,905,865	PALMER et al.			
75.	5/25/1999	5,907,322	KELLY et al.			
76.	5/25/1999	5,907,680	NIELSEN			
77.	6/15/1999	5,912,700	HONEY et al.			
78.	6/29/1999	5,917,725	THACHER et al.			
79.	7/20/1999	5,926,179	MATSUDA et al.			
80.	7/27/1999	5,929,849	KIKINIS			
81.	7/27/1999	5,929,850	BROADWIN et al.			
82.	8/17/1999	5,940,082	BRINEGAR et al.			
83.	8/24/1999	5,941,774	TAKEMOTO et al.			
84.	9/7/1999	5,947,747	WALKER et al.			
85.	9/7/1999	5,948,040	DELORME et al.			
86.	9/14/1999	5,951,636	ZERBER			
87.	9/21/1999	5,954,798	SHELTON et al.			
88.	9/21/1999	5,956,038	REKIMOTO			
89.	10/5/1999	5,961,603	KUNKEL et al.			
90.	10/26/1999	5,973,685	SCHAFFA et al.			
91.	11/2/1999	5,978,833	PASHLEY et al.			
92.	11/16/1999	5,987,454	HOBBS			
93.	11/16/1999	5,987,523	HIND et al.			

**RECEIVED****DEC 06 2004**

Form PTO-1449

Docket Number: 559442000600

Application Number: 09/409,305

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

(Use several sheets if necessary)



	94.	12/21/1999	6,005,561	HAWKINS et al.			
	95.	12/28/1999	6,009,458	HAWKINS et al.			
	96.	1/25/2000	6,018,768	ULLMAN et al.			
	97.	2/8/2000	6,023,729	SAMUEL et al.			
	98.	2/15/2000	6,026,375	HALL et al.			
	99.	2/22/2000	6,029,045	PICCO et al.			
	100.	2/22/2000	6,029,195	HERZ			
	101.	3/28/2000	6,044,403	GERSZBERG et al.			
	102.	4/4/2000	6,047,235	HIYOKAWA et al.			
	103.	4/25/2000	6,055,569	O'BRIEN et al.			
	104.	5/2/2000	6,057,856	MIYASHITA et al.			
	105.	5/9/2000	6,061,738	OSAKU et al.			
	106.	6/13/2000	6,075,527	ICHIHASHI et al.			
	107.	6/27/2000	6,080,063	KHOSLA			
	108.	6/27/2000	6,081,830	SCHINDLER			
	109.	7/4/2000	6,082,887	FEUER et al.			
	110.	7/25/2000	6,094,677	CAPEK et al.			
	111.	8/1/2000	6,098,085	BLONDER et al.			
	112.	8/8/2000	6,101,180	DONAHUE et al.			
	113.	8/15/2000	6,102,797	KAIL			
	114.	8/22/2000	6,108,703	LEIGHTON et al.			
	115.	9/19/2000	6,122,658	CHADDHA			
	116.	10/3/2000	6,126,547	ISHIMOTO et al.			
	117.	10/3/2000	6,128,482	NIXON et al.			
	118.	10/10/2000	6,131,120	REID			
	119.	10/24/2000	6,138,144	DESIMONE et al.			
	120.	11/7/2000	6,144,848	WALSH et al.			
	121.	11/7/2000	6,144,991	ENGLAND			
	122.	11/21/2000	6,151,626	TIMS et al.			
	123.	12/19/2000	6,163,803	WATANABE			
	124.	1/30/2001	6,182,072	LEAK et al.			
	125.	1/30/2001	6,182,116	NAMMA et al.			

**RECEIVED****DEC 06 2004**

Form PTO-1449

Docket Number: 559442000600

Application Number: 09/409.305

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

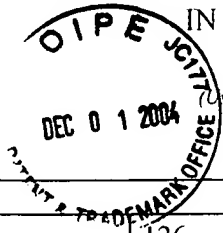
Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004



126.	2/20/2001	6,192,340	ABECASSIS			
127.	2/27/2001	6,193,610	JUNKIN			
128.	3/6/2001	6,199,014	WALKER et al.			
129.	3/6/2001	6,199,045	GINIGER et al.			
130.	3/20/2001	6,204,842	FUJII			
131.	3/20/2001	6,205,582	HOARTY			
132.	6/26/2001	6,253,228	FERRIS et al.			
133.	8/14/2001	6,275,705	DRANE et al.			
134.	8/21/2001	6,278,942	MCDONOUGH			
135.	9/11/2001	6,288,753	DeNICOLA et al.			
136.	9/18/2001	6,292,780	DOEDERLEIN et al.			
137.	10/2/2001	6,297,748	LAPPENBUSCH et al.			
138.	11/13/2001	6,317,791	COHN et al.			
139.	11/13/2001	6,317,780	COHN et al.			
140.	12/4/2001	6,326,982	WU et al.			
141.	3/12/2002	6,353,933	LOVE			
142.	4/2/2002	6,366,914	STERN			
143.	5/28/2002	6,397,220	DEISINGER et al.			
144.	6/25/2002	6,412,011	AGRAHARAM et al.			
145.	8/27/2002	6,442,598	WRIGHT et al.			
146.	8/27/2002	6,442,687	SAVAGE			
147.	10/1/2002	6,460,180	PARK et al.			
148.	10/8/2002	6,463,585	HENDRICKS et al.			
149.	11/26/2002	6,486,892	STERN			
150.	2/25/2003	6,526,041	SHAFFER et al.			
151.	6/10/2003	6,577,716	MINTER et al.			
152.	8/26/2003	6,611,872	McCANNE			
153.	9/23/2003	6,625,624	CHEN et al.			
154.	11/4/2003	6,643,691	AUSTIN			
155.	12/9/2003	6,661,372	GIRERD et al.			
156.	4/20/2004	6,725,159	KRASNER			
157.	5/9/2002	2002/0056129	BLACKKETTER et al.			

**RECEIVED****DEC 06 2004**



Form PTO-1449

Docket Number: 559442000600

Application Number: 09/409,305

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004



(Use several sheets if necessary)

158.	8/15/2002	2002/0112002	ABATO			
159.	10/24/2002	2002/0156909	HARRINGTON			
160.	12/12/2002	2002/0188943	FREEMAN et al.			
161.	4/29/1997	RE 35,498	BARNARD			
162.	1/7/2003	RE 37,957	GARFIELD			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
	163.	7/6/2000	AU 717399	Australia			X	
	164.	12/4/1985	EP 0 163 577	Europe			X	
	165.	11/5/1997	EP 0 805 598	Europe			X	
	166.	4/22/1998	EP 0 837 609	Europe			X	
	167.	5/10/2000	EP 0 982 943	Europe			X	
	168.	11/25/1998	GB 2 325 537	United Kingdom			X	
	169.	2/3/1999	GB 2 327 837	United Kingdom			X	
	170.	11/22/2000	GB 2 350 213	United Kingdom			X	
	171.	8/29/2001	GB 2 359 708	United Kingdom			X	
	172.	9/5/2001	GB 2 359 958	United Kingdom			X	
	173.	4/28/1992	JP 4-127688	Japan			abstract	
	174.	10/31/1995	JP 7-288606	Japan			abstract	
	175.	11/21/1995	JP 7-307813	Japan			abstract	
	176.	1/12/1996	JP 8-8860	Japan			abstract	
	177.	3/16/2000	WO 00/14987	PCT			X	
	178.	6/22/2000	WO 00/36836	PCT			X	
	179.	7/27/2000	WO 00/43892	PCT			X	
	180.	7/27/2000	WO 00/43899	PCT			X	
	181.	12/21/00	WO 00/77664	PCT			X	
	182.	8/22/2002	WO 02/065252	PCT			X	
	183.	8/22/2002	WO 02/065318	PCT			X	
	184.	4/1/1993	WO 93/06675	PCT			X	
	185.	3/21/1996	WO 96/08923	PCT			X	
	186.	8/14/1997	WO 97/29591	PCT			X	

**RECEIVED**

**DEC 06 2004**

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION  <i>(Use several sheets if necessary)</i>	Docket Number: 559442000600	Application Number: 09/409,305
	Applicant Craig D. ULLMAN et al.	
	Filing Date: September 29, 1999	Group Art Unit: 2141
	Mailing Date: December 1, 2004	

188.	9/12/1997	WO 97/33434	PCT			X	
189.	9/10/1999	WO 99/45726	PCT			X	
189.	10/7/1999	WO 99/50778	PCT			X	

**OTHER DOCUMENTS** *(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref No.	Title
	190.	Eitz, "Combiners for Videotext Signals" Broadcast Technology Reports, translation of vol. 28, no. 6, November 1984, pages 273-289, XP002182048, Norderstedt, Germany
	191.	"Advanced Television Enhancement Forum Specification (ATVEF)", Comment Draft Version 1.0r1, 2/25/99, XP002142688
	192.	Dale Cripps, "Web TV over Digital Cable," May 4, 1998; <a href="http://web-star.com/hdtvnews/webtvoverdigitalcable.html">http://web-star.com/hdtvnews/webtvoverdigitalcable.html</a> ; pp. 1-4
	193.	Dale Cripps, "Internet TV Advertising," May 8, 1998; <a href="http://web-star.com/hdtvnews/internettvadvertising.html">http://web-star.com/hdtvnews/internettvadvertising.html</a> ; pp. 1-3
	194.	Dale Cripps, "Gates, TV, Interactivity," May 5, 1998; pp. 1-4; <a href="http://web-star.com/hdtvnews/gatestvinteractivity.html">http://web-star.com/hdtvnews/gatestvinteractivity.html</a>
	195.	"ICTV" Brochure (a reproduced copy provided); copyright 1988 by ICTV; 27 pages
	196.	"TV Navigator" brochure; copyright 1997 by Network Computer, Inc.; 6 pages
	197.	"Worldgate" brochure; copyright 1998 by Worldgate Communications; 12 pages
	198.	Per Einar Dybvik and Hakon W. Lie, "Combining WWW/Mosaic with Realtime Multimedia Conferencing in Distance Education," The Second International WWW Conference '94, Mosaic and the Web, Advance Proceedings, Vol. 1, October 17-20, 1994 at 423
	199.	Tak K. Woo et al., "A Synchronous Collaboration Tool for the World-Wide Web," the Second International WWW Conference '94, Mosaic and the Web, Advance Proceedings, Vol. 1, Oct. 17-20, 1994, at 315
	200.	InterCast Industry Group, Press Release, "Leaders in PC, Broadcast and Cable Industries Announce Formation of Industry Group to Promote New Digital Medium for the Home PC," Business Wire, October 23, 1995
	201.	The InterCast Industry Group, "Frequently Asked Questions," Fall 1996, pp. 1-7
	202.	Vinay Kumar et al., "A Shared Web to Support Design Teams", Third Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, Morgantown, West Virginia, April 17-19, 1994 at 178
	203.	Nikkei BP Corp., "InterCast Using Gap Television Signal", Nikkei Electronics, Japan, 18 December 1995, No. 651, p. 106
	204.	Television Society, "Interactive Television Broadcast Using Character Broadcast System, Video Information and Broadcast Technology", 20 November 1995, Vol. 11, p. 1482-1487
	205.	Cline et al., "DirectShow RTP Support for Adaptivity in Networked Multimedia Applications", Multimedia Computing and Systems, 1998, Proceedings, IEEE International Conference June 28-July 1, 1998, pages 13-22

**RECEIVED****DEC 06 2004**

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442000600

Application Number: 09/409.305

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

- |      |   |
|------|---|
| 206. | Mannos, T.J., "Re: Web page prefetching?" located at <URL:http://dejanews.com> retrieved on October 4, 2002, DEJA News (Online), December 1, 1997                       |
| 207. | Philippe Le Hegaret, "Document Object Module (DOM)", Architecture Domain, located at www.w3.org/DOM/ retrieved on June 22, 2001, 2 pages                                |
| 208. | S. Gillich et al., "ATVEF Integration with DVB Using IP/MPE," December 20, 1999, retrieved from www.atvef.com/library/atvef-dub-bindingR8.html on June 8, 2001, 5 pages |
| 209. | J. Steinhorn et al., "Embedded Systems Programming-Enhancing TV with ATVEF," retrieved from www.embedded.com/1999/9910/9910ial.htm on March 28, 2000, 10 pages          |
| 210. | "Enhanced Content Specification," ATVEF, 1998, retrieved from www.atvef.com/library/spec1-la.html. on March 28, 2000, 38 pages  |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**RECEIVED****DEC 06 2004**

Technology Center 2100